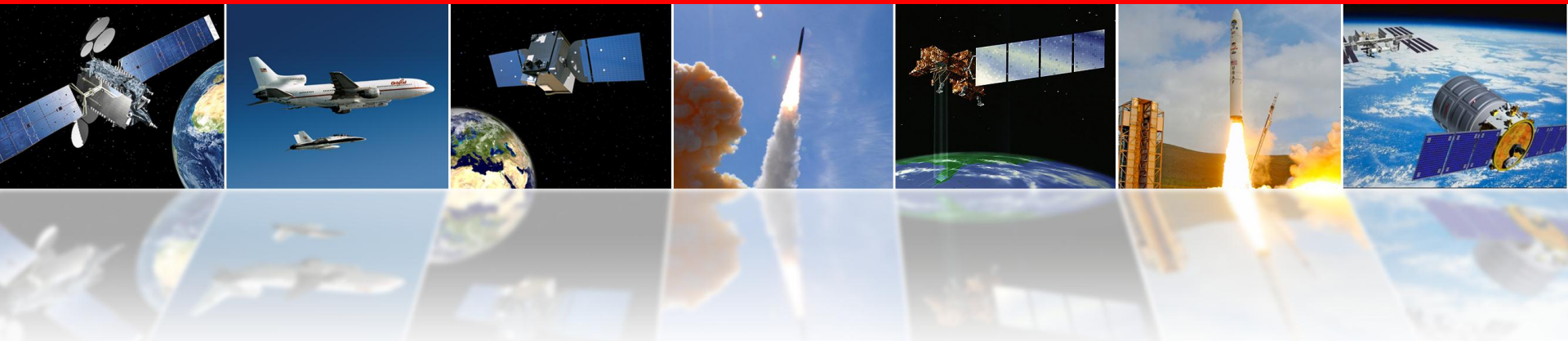




Orbital's Operations at Wallops Island and Partnership With VCSFA

Presented to the Members of the Appropriations
Committee, Virginia House of
Delegates

February 8, 2012



The Orbital & Virginia Commercial Space Flight Authority (VCSFA) Partnership



- In 2008, Orbital was selected by NASA for a \$1.9 Billion Contract to Provide Commercial Cargo Resupply Services to the International Space Station
- After a Competition Between VCSFA and Space Florida, Orbital Selected VCSFA at Wallops Island as the Primary Launch Site for the Cargo Resupply Services (CRS) Missions Using its Newly Developed Mid-Class Launch Vehicle Known as Antares
- VCSFA and The Commonwealth Entered Into an Agreement With Orbital to Provide the Infrastructure and Services to Support the CRS Program and Additional Antares Launches
 - Orbital Committed to Create 125 New Virginia-based Jobs and Invest \$45 Million in Capital Expenditures
- Today VCSFA is in the Final Phase of Testing and Certification Before the Launch Facilities Will be Available For Orbital's Use and a Test Launch Later This Year

Commonwealth Benefits

- The Economic Impact of Orbital Choosing to Base the Cargo Resupply and Antares Programs in Virginia Has Been Substantial. Since 2008:
 - 330 Direct Engineering and Manufacturing Jobs Have Been Created to Support the Programs (A Portion of the 1,800 Virginia-based Orbital Workforce)
 - \$127 Million Invested in Virginia-based Assets
 - 685 Construction Jobs Have Been Created During the Launch Site Construction in Accomack County
- Orbital's Future Wallops Operations are Expected to Contribute \$4.25B of GDP to The Commonwealth Through 2020*
- Over the Next Eight Years an Additional 350 Engineering and Manufacturing Jobs are Expected to be Created Between Loudoun and Accomack Counties in Virginia
- Orbital is Currently Evaluating Potential Use of Virginia's Port and the Bay Coast Rail Road to Transport the Antares Core Stage to Wallops Island

*Based on Independent Economic Study by CBRE, September 2011

Next Steps For Commercial Space in Virginia



- HB 813 Provides
 - Critical Resources for Meeting VCSFA's Infrastructure and Operations Commitments
 - Up to \$15 Million From the Transportation Trust Fund for Operations, Personnel, Site Maintenance and Infrastructure
 - Restructuring of the Authority and the VCSFA Board of Directors Based on Recommendations Made in the November 2011 Report by KPMG
 - Direction to Complete a Strategic Plan for VCSFA

The Bill Will Make the Resources Available for VCSFA to Fulfill Both its Commitment to the Partnership With Orbital and the Promise of Being the Premiere Spaceport in the Nation

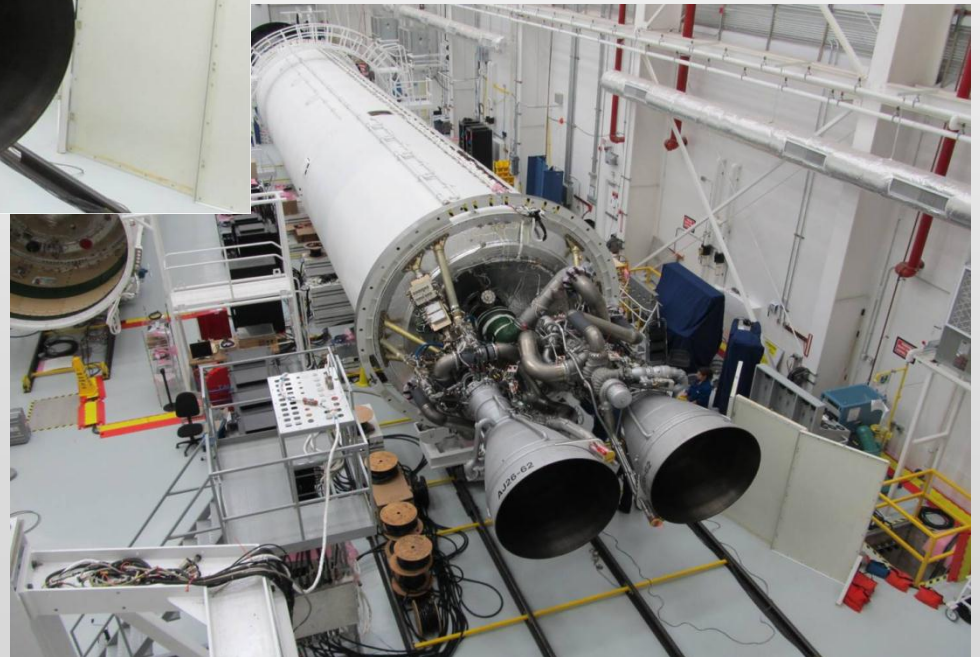
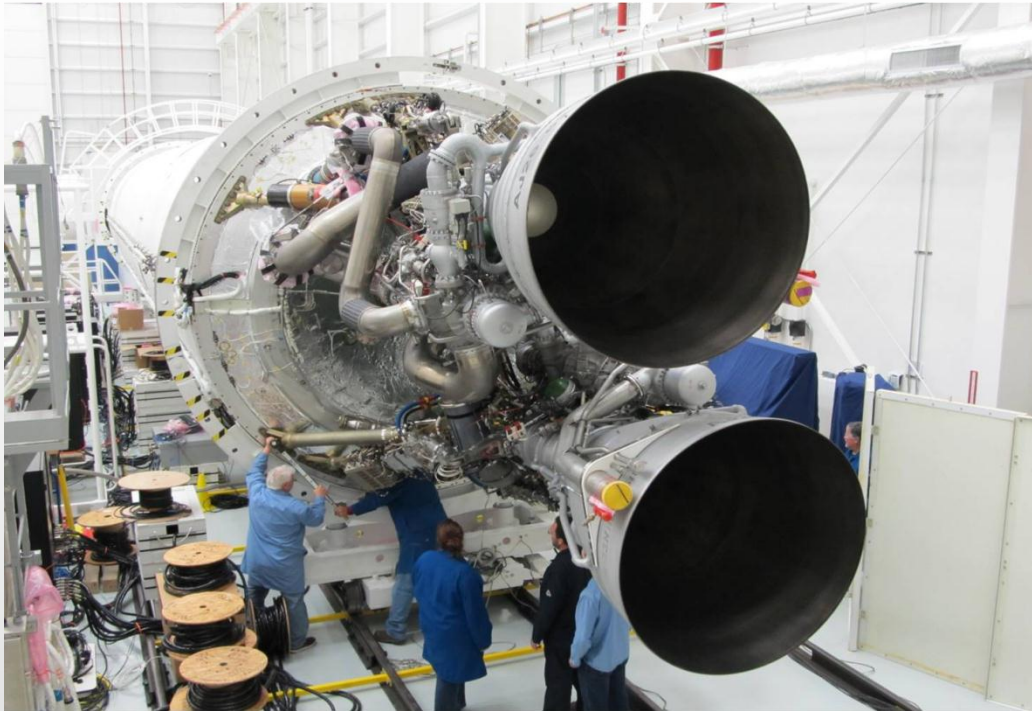
VCSFA's Launch Site Two Years Ago



VCSFA's Launch Site Now



Rocket & Spacecraft Hardware on Site



Ready to Launch

